



Mircea-Alexandru Barbu

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About me: Currently studying Computer Science in English at Faculty of Automation, Computers and Electronics Craiova.

● EDUCATION AND TRAINING

01/10/2017 – CURRENT – Craiova, Romania
SOFTWARE ENGINEER DEGREE – Faculty of Automation, Computers and Electronics

Currently year 4 of studying, with the emphasis on:

- Mathematics and informatics.
- object oriented programming;
- data security and computer networks;
- electronics and electrotechnics;
- logical design and computer organization.

Field(s) of study
◦ Computer Science in English
<http://www.ace.ucv.ro>

15/09/2013 – 22/05/2017 – Craiova, Romania
BACCALAUREATE DIPLOMA – Colegiul Național "Ștefan Velovan" Pedagogic

Field(s) of study
◦ Mathematics and Informatics

15/09/2005 – 21/06/2013 – Craiova, Romania
GENERAL EDUCATION GRADUATION CERTIFICATE – Colegiul Național "Ștefan Velovan" Pedagogic

● LANGUAGE SKILLS

Mother tongue(s): ROMANIAN
Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C1	C1	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

Quality Assurance | ASP.NET | Java Programming language | C# | Xilinx | Microsoft Office | Linux | Knowledge of Git | REST API | Good knowledge of databases

● ORGANISATIONAL SKILLS

Logical and analytical thinking with an emphasis on organization and order

Solid teamwork skills acquired through several team projects

● COMMUNICATION AND INTERPERSONAL SKILLS

Good communication skills acquired over time

Good social skills with openness to people

● OTHER SKILLS

Curious, with a will to constantly learn new things and improve

Good knowledge of mathematics, reaching the county stage at the mathematics Olympics

Good knowledge of developing and publishing applications, with several published applications in Google Play Store

● PROJECTS

ASP.NET Project - AirWAD

<https://github.com/BarbuAlexandru/CV/tree/master/Projects/ASPNET/AirWAD>

This project is a web application inspired by Airbnb done in ASP.NET using Entity Framework, Identity, SQL Database. Above is the link to the project source code on GitHub.

ASP.NET Project - DrumetiiShop

<https://github.com/BarbuAlexandru/CV/tree/master/Projects/ASPNET/DrumetiiShop>

This project represents an online shop done in ASP.NET. Above is the link to the project source code on GitHub.

ASP.NET Project - LiveShow

<https://github.com/BarbuAlexandru/CV/tree/master/Projects/ASPNET/LiveShow>

This projects is a web application that allows artists to create shows and the users to buy tickets to the shows they want to attend. This project was done using an API server and then the web application that connects to it. Above is the link to the project source code on GitHub.

ASP.NET Project - PocketPlane

<https://github.com/BarbuAlexandru/CV/tree/master/Projects/ASPNET/PocketPlane>

This project is an application that allows the administrators to create flights and the users to buy tickets for a flight. It has Identity and multiple roles for its users. This project was done as a team of 4 students, using Git to manage our work.

Above is the link to the project source code on GitHub.

C Project - Handwritten C Compiler

https://github.com/BarbuAlexandru/CV/tree/master/Projects/C_C%2B%2B/Handwritten_C_Compiler

This project implements a C compiler written by hand also in C.

Above is the link to the project source code on GitHub.

Java Project - Graph Editor

<https://github.com/BarbuAlexandru/CV/tree/master/Projects/Java/GraphEditor>

This project is an application done using Java that allows the user to create and edit 2d graphs using a visual interface.

Above is the link to the project source code on GitHub.

Other Projects

<https://github.com/BarbuAlexandru/CV/tree/master/Projects>

I have done other projects, in different programming languages such as Kotlin in Android Studio, C++, GML, Java, C# and Unity, but I didn't mention them all here, but they can be found using the GitHub link above.

● COURSES

08/11/2019 – 20/12/2019

Netrom Software Academy

Focused on developing REST API applications using .NET, PHP and Cloud technologies.

30/10/2020 – 10/12/2020

Netrom Software Testing Academy

Focused on Quality Assurance, Software Testing, Risk Assessment, Testing Tools, Manual and Automated Testing, Agile and Waterfall methodologies.

04/12/2019 – 11/03/2020

IQuest C# Module 1

Focused on C# programming language and Object Oriented Programming, SOLID, Exception Handling, Design Patterns, GIT usage.

01/04/2020 – 04/06/2020

IQuest C# Module 2

Focused also on C# programming language and Multithreading, Design Patterns, Unit Testing, Lambda expressions, Entity Framework, ASP.NET Web API, ASP.NET MVC Web Application.

01/10/2017 – 20/06/2020

Pedagogy Course

Studied as an optional course during Faculty.

08/02/2020 – 15/09/2020

Skydiving Course

● WORK EXPERIENCE

01/07/2019 – 15/07/2019 – Craiova, Romania

JUNIOR PROGRAMMER – HELLA

Practical stage done at Hella Craiova focused on embedded programming and Java with Full Time Program.

● **WORKSHOP**

13/01/2019 – 24/06/2019

HELLA Embedded Programming Workshop

Focused on Embedded Programming and developing the software for air conditioning in a car.

● **COMPETITIONS**

Catalyst Coding Contest 2018

https://github.com/BarbuAlexandru/CV/tree/master/Competitions/Catalyst_2018

Concursul Doljan de Matematica, 11th grade

Place obtained: Second (2nd)

Discipline: Mathematics

● **DRIVING LICENCE**

Driving Licence: AM

Driving Licence: B1

Driving Licence: B